

ABSTRACT

In the field of motion video object tracking, environmental noise and other such sources of movement can lead to false tracking and tracking of unimportant objects. The present invention uses user-defined exclusion regions within a motion video camera's field of view to ignore the origination of object track data. Therefore, the user defines in advance, those regions that may generate false alarms within a motion video camera's field of view. The use of user-defined zones in conjunction with object detection and tracking techniques provides a video surveillance system that has greater object tracking accuracy than existing systems.